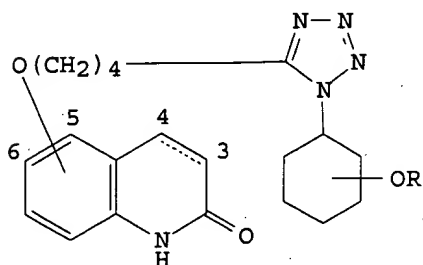


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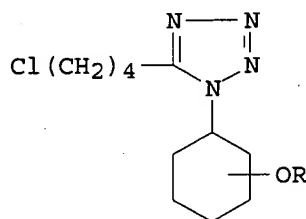
ACCESSION NUMBER: 99:175770 CA  
TITLE: Carbostyrils  
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 58059980	A2	19830409	JP 1981-158927	19811005
JP 64000397	B4	19890106		

OTHER SOURCE(S): CASREACT 99:175770  
GI



I



II

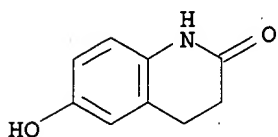
AB Sixteen I [5- or 6-substituted, R = CH<sub>2</sub>Ph, H, Ac, Me, (substituted) benzoyl] were prepd., e.g., by reaction of the appropriate hydroxycarbostyrils with II. Thus, refluxing 6-hydroxy-3,4-dihydrocarbostyril with II (OR = 2-trans-OCH<sub>2</sub>Ph) [obtained by cyclocondensation of trans-1-(benzyloxy)-2-(5-chlorohexanamido)cyclohexane with HN<sub>3</sub>] in Me<sub>2</sub>CHOH contg. KOH for 5 h gave I (6-substituted, OR = 2-trans-OCH<sub>2</sub>Ph, 3,4-dihydro). Some I at 10<sup>-4</sup> M concn. inhibited blood platelet aggregation induced by collagen and ADP by 80.5-95.2 and 55.3-95.2%, resp.

IT 54197-66-9

RL: RCT (Reactant); RACT (Reactant or reagent)  
(etherification of, with (chlorobutyl)tetrazole deriv.)

RN 54197-66-9 CA

CN 2(1H)-Quinolinone, 3,4-dihydro-6-hydroxy- (9CI) (CA INDEX NAME)



IT 87153-14-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

09/869,264.

(prepn. and etherification by, of hydroxycarbostyryl deriv.)

RN 87153-14-8 CA

CN 1H-Tetrazole, 5-(4-chlorobutyl)-1-[2-(phenylmethoxy)cyclohexyl]-, trans-(9CI) (CA INDEX NAME)

Relative stereochemistry.

